

# APPARATUS AND METHOD FOR PASSIVE PHASE CHANGE THERMAL MANAGEMENT

## Abstract

5           In one embodiment, an apparatus includes a phase change material, a  
plurality of particles intermixed with the phase change material, and a conductive  
structure encapsulating the phase change material. The conductive structure  
includes a cavity including a cone shape. In one embodiment, a method includes  
forming a conductive structure having a cavity, injecting a phase change material  
10 into the cavity, injecting a plurality of spheres into the cavity, and sealing the cavity.

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